

REMARKS

The Official Action mailed September 9, 2008, has been received and its contents carefully noted. This response is filed within three months of the mailing date of the Official Action and therefore is believed to be timely without extension of time. Accordingly, the Applicant respectfully submits that this response is being timely filed.

The Applicant notes the *partial* consideration of the Information Disclosure Statement filed on September 20, 2006. Specifically, it appears that the Examiner inadvertently overlooked the citation of JP 2004-282050. A copy of the partially considered Form PTO-1449 citing JP '050 is available in the Image File Wrapper under the heading, "List of References cited by applicant and considered by examiner" and has a mail room date of "06-13-2008" (page 2 of 2). Also, a copy of JP '050 is available in the Image File Wrapper under the heading, "Foreign Reference" (15 pages) and has a mail room date of "09-20-2006." The Applicant respectfully requests that the Examiner provide an initialed copy of the Form PTO-1449 evidencing consideration of JP '050.

The Applicant notes with appreciation the consideration of the Information Disclosure Statements filed on October 31, 2006.

The Applicant has not received acknowledgment of the Information Disclosure Statement filed on June 4, 2008 (received by OIPE June 6, 2008). The above-referenced Information Disclosure Statement appears in the Image File Wrapper. The Applicant respectfully requests that the Examiner provide an initialed copy of the Form PTO-1449 evidencing consideration of the above-referenced Information Disclosure Statement.

Claims 1-23 are pending in the present application, of which claims 1, 2, 14 and 15 are independent. (The Office Action Summary appears to omit claim 23 from the list of pending claims; however, claim 23 is pending as presented in the *Preliminary Amendment* filed September 20, 2006.) The Applicant notes with appreciation the allowance of claims 2, 3 and 14, and the indication of the allowability of claims 8-10 and

19-21 (Boxes 5 and 7, Office Action Summary, page 6, Paper No. 20080902). Specifically, the Official Action concedes that the "prior [art references] fail to teach or fairly suggest other claimed features such as, i.e., light transmitting bit lines, or thin film transistor used on a glass substrate, or glass substrate, or specific phase change materials, and/or combinations of these materials making up the phase change memory, etc." (Id.; emphasis added).

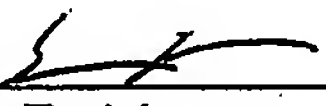
Paragraphs 3-5 of the Official Action reject claims 1, 4-7, 11-13, 15-18 and 22 as obvious based on the combination of U.S. Patent No. 6,097,622 to Shimizu or U.S. Patent No. 6,234,902 to Hazama, U.S. Patent No. 5,296,716 to Ovshinsky or U.S. Patent No. 5,536,947 to Klersy and U.S. Patent No. 6,727,862 to Tomon.

In response and in accordance with the statement of allowed subject matter (Id.), independent claims 1 and 15 have been amended to recite allowable features. Specifically, claim 1 has been amended to recite "a phase change memory over a glass substrate" and claim 15 has been amended to recite "wherein at least one of the bit lines and the word lines transmits light." Therefore, independent claims 1 and 15, as amended, recite allowable subject matter, and the above-referenced rejections are believed to be moot. Also, dependent claims 3 and 4 have been amended to depend solely from allowed independent claim 2. Accordingly, all claims are believed to be in condition for allowance.

The Official Action mailed September 9, 2008, appears to be incomplete. Box 4 of the Office Action Summary omits claim 23 from the list of pending claims, and the Official Action appears to be silent as to claim 23. As such, the Applicant respectfully requests issuance of a Notice of Allowability or new non-final Official Action, as appropriate. For at least the reasons set forth above, the Applicant respectfully submits that claim 23 is in condition for allowance.

Should the Examiner believe that anything further would be desirable to place this application in better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,



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